

Commissioner is authorized to charge any additional payment or credit an overpayment for 37 C.F.R. § 1.136 to deposit account number 11-0600.

IN THE CLAIMS:

Please cancel claim 26 without prejudice.

Please amend the remaining claims as follows:

1. (Amended) A method for providing a system for high fidelity reproduction of the sound of a selected type of acoustic instrument, the method comprising:

(1) placing a first microphone at a selected location proximate to the acoustic musical instrument;

(2) separately playing the musical instrument to produce sounds as picked up by the first microphone [and] ;

(3) playing reference sounds of the instrument;

[(3)](4) comparing the sounds of the musical instrument as picked up by the first microphone with the reference sounds of the instrument; and

[(4)](5) designing a tailor-made equalizer for the first microphone to compensate for the differences between the sounds as picked up by the microphone and the reference sounds of the instrument.

13. (Amended) A system for high fidelity electronic reproduction of the sound of an acoustic musical instrument, the system comprising:

a microphone element adapted to be placed proximately to a preselected type of acoustic musical instrument; and

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an equalizer having an input coupled to the microphone, the equalizer including a particular arrangement of a predetermined minimum number of electronic filter circuits and controls, with optimized control ranges needed to compensate for differences in the electronic reproduction by the microphone element of sounds from the preselected type of acoustic musical instrument to be input to the microphone element, compared with corresponding reference sounds from said type of musical instrument.

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16. (Amended) A method for providing a system for high fidelity reproduction of the sound of [a selected type of] acoustic musical [instrument] instruments, the method comprising:

- (1) placing a first microphone at a selected location proximate to a first one of said acoustic musical instruments;
- (2) placing a second microphone at a selected location from said first one of said acoustic musical instruments;
- (3) playing said first one of said acoustic musical instruments to produce sounds as picked up by said first and second microphones;
- (4) comparing with a processor signals from said first and second microphones; and
- (5) creating a first digital filter algorithm with said processor to match the signal from said first microphone with the signal from said second microphone.

Claim 21, line 2, delete "an" and change "instrument" to --instruments--.

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24. (Amended) The system of claim 22 further comprising:

a third microphone place proximately to a third type of said acoustical musical